



IAP4 Rec'd PCT/PTO 28 NOV 2005  
Atty. Dkt. No. 081356-0224

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo KOBAYASHI, et al.  
Title: METHYLOTROPHIC YEAST PRODUCING MAMMALIAN TYPE SUGAR CHAIN  
Appl. No.: 10/511,436  
Filing Date: 08/16/2005  
Examiner: Unassigned  
Art Unit: Unassigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 28 November 2005

By S. A. Bent

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5404  
Facsimile: (202) 672-5399

Stephen A. Bent  
Attorney for Applicant  
Registration No. 29,768

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/511,436
Date Submitted: November 28, 2005 <i>(use as many sheets as necessary)</i>		Filing Date	08/16/2005
		First Named Inventor	Kazuo KOBAYASHI
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Page	1	of	1
		Attorney Docket Number	081356-0224

## **U.S. PATENT DOCUMENTS**

## Sugar Chains in *Saccharomyces cerevisiae*\*<sup>†</sup>

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.
	B1	Wim MARTINET et al., "Modification of the protein glycosylation pathway in the methylotrophic yeast <i>Pichia pastoris</i> ", Biotechnology Letters, Vol. 20, No. 12, 1998, pp. 1171-1177.
	B2	Yasunori CHIBA et al., "Production of Human Compatible High Mannose-type (Man <sub>5</sub> GlcNAc <sub>2</sub> ) Sugar Chains in <i>Saccharomyces cerevisiae</i> "*, The Journal of Biological Chemistry, Vol. 273, No. 41, Issue of October 9, 1998, pp. 26298-26304.
	B3	P. LU et al., "Cloning and disruption of the β-isopropylmalate dehydrogenase gene (LEU2) of <i>Pichia stipitis</i> with URA3 and recovery of the double auxotroph", Appl. Microbiol. Biotechnol. (1998) 49: 141-146.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Enter the date of filing, by the date format indicated in WIPO Standard ST.16, if possible. <sup>6</sup> A applicant is to place a check mark here.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.